AMENDMENTS

In the Claims:

1.-10. (Canceled)

11. (**Currently Amended**) A method of inserting an exogenous nucleic acid into the genome of a **mouse or rat** ~~non-human and non-Drosophilidae animal~~, said method comprising:

introducing into said **mouse or rat** ~~animal~~ a P-element derived vector comprising said exogenous nucleic acid under conditions sufficient for transposition to occur, wherein said vector comprises a pair of P-element transposase recognized insertion sequences flanking a **heterologous promoter and** a single transcriptionally active gene that comprises said exogenous nucleic acid**, wherein said single transcriptionally active gene is separated from one of said P-element transposase recognized insertion sequences by a distance of about 1,000 bp or less,** so that said exogenous nucleic acid is inserted into said genome.

12. (Canceled)

13. (Previously Presented) The method according to Claim 11, wherein said vector comprises a transposase domain.

14. (Previously Presented) The method according to Claim 11 wherein said method further comprises introducing a second vector comprising a transposase domain into said animal.

15. (Previously Presented) The method according to Claim 11, wherein said exogenous nucleic acid ranges in length from about 50 to 150,000 bp.

16.-26. (Canceled)

27. (**Currently Amended**) A **mouse or rat** ~~non-human and non-Drosophilidae animal~~ or cells derived from said **mouse or rat** ~~animal~~ that has a pair of P-element transposase recognized insertion sequences integrated into the genome **of said mouse or rat or cells derived therefrom**.

28.-30. (Canceled)

31. (**Currently Amended**) **The composition of claim 27 wherein said mouse or rat or cells derived therefrom has** ~~A non-human and non-Drosophilidae animal or cells derived from said animal that have~~ a pair of P-element transposase recognized 31bp insertion sequences integrated into the genome **of said mouse or rat or cells derived therefrom**.

32.-38. (Canceled)